



SAS-524

The SAS-524 antenna has a broadband monopole designed to operate from 20 MHz to 800 MHz and a dipole array to operate from 800 MHz to 2500 MHz. The antenna exhibits exceptional gain in an omni-directional pattern. It is designed with compliance to the strictest military specifications. The antenna is mounted in a sealed dielectric radome to offer mechanical stability and isolation from environmental hazards. The SAS-524 will handle up to 100W CW power. This antenna also offers low VSWR. The SAS-524 comes with ARA’s patented Dual Spring Mount with the NATO bolt pattern. This unique mount reduces the lateral motion of the antenna that is unrestricted by standard spring mounts.

SPECIFICATIONS:

Frequency	Port 1: 20 to 800 MHz Port 2: 800 to 2500 MHz
Polarization	Linear Vertical
Gain	50 to 500 MHz: -2 dBi nominal 800 to 2500 MHz: 2 dBi nominal
Impedance	50 Ohms nominal
VSWR	50 to 500 MHz: 3.0:1 nominal 800 to 2500 MHz: 2.0:1 nominal
Pattern	Omni in Azimuth
Operating Temperature	-20° to +70°C
Storage Temperature	-30° to +85°C
Power Handling	20 to 800MHz: 100 W CW; 800 to 2500 MHz: 50 W CW
Antenna Connectors	N Female (2)
Dimensions	4” diameter x 62” height
Weight	18 lbs with Dual Spring Mount
Mounting	ARA Dual Spring Base with NATO bolt pattern



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